Title (en)

NATIVE MULTI-TENANT ROW TABLE ENCRYPTION

Title (de)

NATIVE MEHRMIETER-REIHENTABELLENVERSCHLÜSSELUNG

Title (fr)

CHIFFREMENT DE TABLE DE RANGÉE NATIVE À PLUSIEURS LOCATAIRES

Publication

EP 4372578 A1 20240522 (EN)

Application

EP 23180795 A 20230622

Priority

US 202217988975 A 20221117

Abstract (en)

Systems and methods include determination of a first encryption key associated with a data page of a row store database table stored in a volatile memory, based on a header of the data page, encryption of a body of the data page using the first encryption key, and storage of an encrypted data page comprising the header and the encrypted body in a persistent storage system.

IPC 8 full level

G06F 16/23 (2019.01); **G06F 21/62** (2013.01)

CPC (source: EP US)

G06F 16/2358 (2019.01 - EP); **G06F 21/53** (2013.01 - EP); **G06F 21/602** (2013.01 - US); **G06F 21/6218** (2013.01 - US); G06F 2221/2101 (2013.01 - EP)

Citation (search report)

- [XI] US 2022207173 A1 20220630 - MWAURA DAVID WANYOIKE [US], et al
- [A] US 2009214044 A1 20090827 - KINOSHITA JUNJI [US]
- [A] CN 105787057 A 20160720 - INSPUR GENERAL SOFTWARE CO LTD

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4372578 A1 20240522; CN 118051921 A 20240517; JP 2024073354 A 20240529; US 2024169072 A1 20240523

DOCDB simple family (application)

EP 23180795 A 20230622; CN 202310736189 A 20230620; JP 2023102652 A 20230622; US 202217988975 A 20221117